

Express Mail No.: EV 741 236 478 US
Docket No.: 819CIP/US

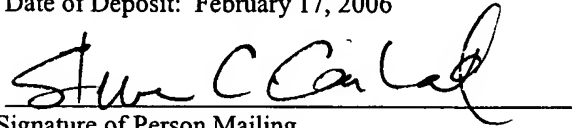
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Tang, et al.
Serial No: 10/531,164
I.A. Serial No: PCT/US03/30720
I.A. Filing Date:: September 20, 2003
For: NOVEL NUCLEIC ACIDS
AND POLYPEPTIDES
Art Unit: Not yet assigned

**CERTIFICATE OF MAILING
BY "EXPRESS MAIL" UNDER 37 CFR § 1.10**

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as "Express Mail Post Office to Addressee" under 37 CFR § 1.10 on the date indicated below, using Express Mail Label No. EV 741 236 478 US, and is addressed to Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Arlington, VA 22313-1450.

Name of Person Mailing: Steven C. Garland
Date of Deposit: February 17, 2006


Signature of Person Mailing

**PETITION FOR FILING WHEN AN INVENTOR
CANNOT BE REACHED UNDER 37 CFR 1.47(A)**

Mail Stop PCT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.47(a), Applicants hereby petition for Filing when an Inventor cannot be reached.

The last known address for inventor Qing Zhao is 1556 Kooser Road, San Jose, CA 95118. The last known address for inventor Feiyan Ren is 7703 Oak Meadow Court, Cupertino, CA 95014. However, attempts to reach these inventors at the addresses provided have been unsuccessful.

On July 14, 2005, Applicants' representative sent to inventor Qing Zhao a copy of the patent application and sequence listing, with a request to execute the Declaration, Power of Attorney and Assignment documents. A copy of each of the documents sent to Qing Zhao, including the letter transmitting the documents, is attached as Exhibit A. A copy of the original Federal Express

shipping label, and the tracking results confirming delivery on July 15, 2005, are attached as Exhibit B. On August 3, 2005, the unsigned documents were shipped back to Applicants' representative via Federal Express. A photocopy of the Federal Express return envelope, with the handwritten notation "No Longer Living Here" is attached as Exhibit C.

Also on July 14, 2005, Applicants' representative sent to inventor Feiyan Ren a copy of the patent application and sequence listing, with a request to execute the Declaration, Power of Attorney and Assignment documents. A copy of each of the documents sent to Feiyan Ren, including the letter transmitting the documents, is attached as Exhibit D. A copy of the original Federal Express shipping label is attached as Exhibit E. After three unsuccessful attempts to deliver the documents, they were returned to Applicants' representative. A photocopy of the FedEx envelope, detailing the delivery attempts, is attached as Exhibit F.


Applicants therefore petition in accordance with 37 CFR 1.47(a) to file the Declaration and Power of Attorney on behalf of themselves and the nonsigning, unreachable inventors Qing Zhao and Feiyan Ren.

The Commissioner is hereby authorized to charge payment of \$200 for the Petition fee under 37 CFR 1.17(g), and is further authorized to charge any fees due or credit any overpayment to Deposit Account No. 50-1169.

Respectfully submitted,

Dated: February 17, 2006

By:


Renée S. Polizotto, Ph.D.
Agent for Applicants
Registration No.: 53,474
Customer No. 34285
NUVELO, Inc.
201 Industrial Road, Suite 310
San Carlos, CA 94070
Tel: 650.517.8422
Fax: 650.517.8003

Express Mail No.: EV 741 236 478 US
Docket No.: 819CIP/US

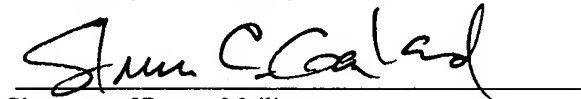
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s):	Tang, et al.
Serial No:	10/531,164
I.A. Serial No:	PCT/US03/30720
I.A. Filing Date::	September 20, 2003
For:	NOVEL NUCLEIC ACIDS AND POLYPEPTIDES
Art Unit:	Not yet assigned

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Name of Person Mailing: Steven C. Garland
Date of Deposit: February 17, 2006


Signature of Person Mailing

PETITION FOR FILING WHEN AN INVENTOR REFUSES TO SIGN
UNDER 37 CFR 1.47(a)

Mail Stop PCT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Applicants submit this Petition for Filing When an Inventor Refuses to Sign for uncooperative inventor Tom Wehrman. The circumstances are as follows:

On July 14, 2005, Applicants' representative sent to inventor Tom Wehrman a copy of the patent application and sequence listing, with a request to execute the Declaration, Power of Attorney and Assignment documents. A copy of each of the documents sent to Tom Wehrman, including the letter transmitting the documents, is enclosed as Exhibit G.

Mr. Wehrman's current address of record is: CCSR Mol Pharm 3210, 269 West Campus Drive, Stanford, CA 94305. The documents were sent via FedEx, Tracking Number 7905 7765

6012. The package was delivered to the Receptionist/Front Desk at the above address on July 15, 2005 at 11:46 a.m., where it was signed for by R. Miller, as evidenced by Exhibit H.

Mr. Wehrman has not returned the signed documents nor has he responded to e-mail and telephone requests by Applicants' representative for his cooperation in signing and returning the documents (see Exhibits I and J).

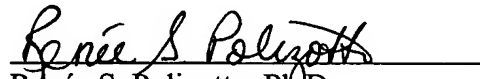
Applicants respectfully request the Commissioner to declare Mr. Wehrman an uncooperative inventor and allow the remaining inventors to make the application by themselves and the nonsigning inventor.

The Commissioner is authorized to charge the Petition fee under 37 CFR 1.17(g) of \$200 to the Nuvelo, Inc. deposit account no. 50-1169. The Commissioner is also authorized to charge any additional fees, or credit any overpayment, to the Nuvelo, Inc. deposit account no. 50-1169.

Respectfully submitted,

Dated: February 17, 2006

By:



Renée S. Polizotto, Ph.D.

Agent for Applicants

Registration No.: 53,474

Customer No. 34285

NUVELO, Inc.

201 Industrial Road, Suite 310

San Carlos, CA 94070

Tel: 650.517.8422

Fax: 650.517.8003

July 14, 2005

VIA FEDERAL EXPRESS

Qing Zhao
1556 Kooser Road
San Jose, CA 95118

**Re: Novel Nucleic Acids and Polypeptides
U.S. Serial No. 10/531,164
Docket No.: 819CIP/US**

Dear Qing:

Enclosed in this package, please find:

1. A copy of the patent application as filed (including the Sequence Listing and tables);
2. A Declaration;
3. An Assignment document; and
4. Power of Attorney.

Please sign and date all documents and return them to me by **August 15, 2005** using the enclosed pre-paid, pre-addressed FedEx envelope. Note that we have waived the notarization requirement.

Before signing the documents please verify that all your information is correct. If any changes need to be made, cross out the incorrect information, write in the correct information and **initial and date next to the change.**

Please contact me at 408.215.4556 or equertermous@nuvelo.com if you have any questions or concerns.

Very truly yours,

Elena Quertermous
Patent Agent

:ip
Enclosures

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

POWER OF ATTORNEY and CORRESPONDENCE ADDRESS INDICATION FORM

Application Number	10/531,164
Filing Date	April 12, 2005
First Named Inventor	Tang, Yuanhua T.
Title	Novel Nucleic Acids and ...
Art Unit	
Examiner Name	
Attorney Docket Number	819CIP/US

I hereby revoke all previous powers of attorney given in the above-identified application.

I hereby appoint:

☒ Practitioners associated with the Customer Number:

34285

OR

☐ Practitioner(s) named below:

Name	Registration Number

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Please recognize or change the correspondence address for the above-identified application to:

☐ The address associated with the above-mentioned Customer Number:

OR

☐ The address associated with Customer Number:

OR

☐ Firm or Individual Name

Address

City

State

Zip

Country

Telephone

Email

I am the:

☒ Applicant/Inventor.

☐ Assignee of record of the entire interest. See 37 CFR 3.71.
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)

SIGNATURE of Applicant or Assignee of Record

Signature		Date	
Name	Qing A. Zhao	Telephone	408-215-4000
Title and Company			

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below*.

☒ *Total of 15 _____ forms are submitted.

This collection of information is required by 37 CFR 1.31, 1.32 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

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**DECLARATION FOR UTILITY OR
DESIGN
PATENT APPLICATION
(37 CFR 1.63)**

☐

Declaration
Submitted
With Initial
Filing

OR

☒

Declaration
Submitted after Initial
Filing (surcharge
(37 CFR 1.16 (e))
required)

Attorney Docket
Number

819CIP/US

First Named Inventor

Y. Tom Tang

COMPLETE IF KNOWN

Application Number

10/531,164

Filing Date

April 12, 2005

Art Unit

Examiner Name

I hereby declare that:

Each inventor's residence, mailing address, and citizenship are as stated below next to their name.

I believe the inventor(s) named below to be the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

NOVEL NUCLEIC ACIDS AND POLYPEPTIDES

(Title of the Invention)

the specification of which

☐

is attached hereto

OR

☒

was filed on (MM/DD/YYYY)

04/12/2005

as United States Application Number or PCT International

Application Number

10/531,164

and was amended on (MM/DD/YYYY)

(if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?	
				YES	NO
PCT/US03/30720	US	09/30/2003	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

[Page 1 of 2]

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 21 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance completing the form, call 1-800-PTO-9199 and select option 2.

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DECLARATION — Utility or Design Patent Application

Direct all correspondence to: <input checked="" type="checkbox"/> The address associated with Customer Number:		34285		OR <input type="checkbox"/> Correspondence address below	
Name					
Address					
City			State		ZIP
Country		Telephone		Email	
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.					
NAME OF SOLE OR FIRST INVENTOR:			<input type="checkbox"/> A petition has been filed for this unsigned inventor		
Given Name (first and middle [if any])				Family Name or Surname	
Y. Tom				TANG	
Inventor's Signature					Date
Residence: City		State		Country	
Beverly		MA		US	
Mailing Address					
25 Broadway #1A					
City		State		Zip	
Beverly		MA		01915	
				Country	
				US	
NAME OF SECOND INVENTOR:			<input type="checkbox"/> A petition has been filed for this unsigned inventor		
Given Name (first and middle [if any])				Family Name or Surname	
Vinod				Asundi	
Inventor's Signature					Date
Residence: City		State		Country	
Foster City		CA		US	
Mailing Address					
709 Foster City Blvd.					
City		State		Zip	
Foster City		CA		94404	
				Country	
				US	
<input checked="" type="checkbox"/> Additional inventors or a legal representative are being named on the supplemental sheet(s) PTO/SB/02A or 02LR attached hereto.					

DECLARATION**ADDITIONAL INVENTOR(S)**

Supplemental Sheet

Page 3 of

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Feiyan		REN	
Inventor's Signature		Date	
Cupertino Residence: City	CA State	US Country	US Citizenship
7703 Oak Meadow Court			
Mailing Address			
Cupertino City	CA State	95014 Zip	US Country
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Rui-hong		CHEN	
Inventor's Signature		Date	
Foster City Residence: City	State	US Country	US Citizenship
1031 Flying Fish Street			
Mailing Address			
Foster City City	CA State	94404 Zip	US Country
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Jie		ZHANG	
Inventor's Signature		Date	
Campbell Residence: City	CA State	US Country	PR China Citizenship
4864 Pinemont Drive			
Mailing Address			
Campbell City	CA State	95008 Zip	US Country

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If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

DECLARATION**ADDITIONAL INVENTOR(S)**
Supplemental SheetPage 4 of

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Qing A.		Zhao	
Inventor's Signature			Date
San Jose Residence: City	CA State	US Country	US Citizenship
1556 Kooser Road			
Mailing Address			
San Jose City	CA State	95118 Zip	US Country
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Jian-Rui		WANG	
Inventor's Signature			Date
San Jose Residence: City	CA State	US Country	PR China Citizenship
1516 Camino Cerrado			
Mailing Address			
San Jose City	CA State	95128 Zip	US Country
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Malabika J.		GHOSH	
Inventor's Signature			Date
Seattle Residence: City	WA State	US Country	India Citizenship
725 10th Ave E. # 2			
Mailing Address			
Seattle City	WA State	98102 Zip	US Country

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DECLARATION**ADDITIONAL INVENTOR(S)**
Supplemental Sheet

Page 5 of

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Aldong		XUE	
Inventor's Signature		Date	
Sunnyvale Residence: City	CA State	US Country	US Citizenship
1621 So. Mary Avenue Mailing Address			
Sunnyvale City	CA State	94087 Zip	US Country
Name of Additional Joint Inventor, if any:		<input checked="" type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Tom		WEHRMAN	
Inventor's Signature		Date	
Stanford Residence: City	CA State	US Country	US Citizenship
CCSR Mol Pharm 3210 269 W. Campus Drive Mailing Address			
Stanford City	CA State	94305 Zip	US Country
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Gezhi		WENG	
Inventor's Signature		Date	
Piedmont Residence: City	CA State	US Country	India Citizenship
415 Moraga Ave. Mailing Address			
Piedmont City	CA State	94611 Zip	US Country

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DECLARATION**ADDITIONAL INVENTOR(S)**
Supplemental SheetPage 6 of

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Ping		ZHOU	
Inventor's Signature			Date
Cupertino Residence: City	CA State	US Country	US Citizenship
7595 Newcastle Drive			
Mailing Address			
Cupertino City	CA State	95014 Zip	US Country
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Inventor's Signature			Date
Residence: City	State	Country	Citizenship
27635 Red Rock Road			
Mailing Address			
City	State	Zip	Country
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Zhiwei		WANG	
Inventor's Signature			Date
Athens Residence: City	GA State	US Country	PR China Citizenship
107 Benedict Court			
Mailing Address			
Athens City	GA State	30605 Zip	US Country

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DECLARATION**ADDITIONAL INVENTOR(S)**
Supplemental Sheet

Page 7 of

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Yunqing		MA	
Inventor's Signature		Date	
Santa Clara Residence: City	CA State	US Country	PR China Citizenship
3760 Tamarack Lane #36			
Mailing Address			
Santa Clara City	CA State	95051 Zip	US Country
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Dunrui		WANG	
Inventor's Signature		Date	
Poway Residence: City	CA State	US Country	PR China Citizenship
12252 Pepper Tree Lane			
Mailing Address			
Poway City	CA State	92064 Zip	US Country
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Inventor's Signature		Date	
Residence: City	State	Country	Citizenship
Mailing Address			
City	State	Zip	Country

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If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

ASSIGNMENT

Serial No: 10/531,164
Filed: TBD
Title: NOVEL NUCLEIC ACIDS AND POLYPEPTIDES

For One Dollar (\$1.00), and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the undersigned hereby assign to NUVELO, Inc., a Delaware corporation, 675 Almanor Avenue, Sunnyvale, California, 94085, (hereinafter "Assignee"), its successors and assigns, the entire right, title and interest in the invention or improvements of the undersigned disclosed in the above-identified application for Letters Patent of the United States, and in said application and any and all other applications, both United States and foreign, which the undersigned may file, either solely or jointly with others, on said invention or improvements, and in any and all Letters Patent of the United States and foreign countries, which may be obtained on any of said applications, and in any reissue or extension thereof.

The undersigned hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to said assignee.

The undersigned hereby authorize and request the attorneys of record in said application to insert in this assignment the execution date and/or filing date and serial number of said application when officially known.

The undersigned warrant themselves to be the owners of the interest herein assigned and to have the right to make this assignment and further warrant that there are no outstanding prior assignments, licenses, or other rights in the interest herein assigned.

For said consideration the undersigned hereby agree, upon the request and at the expense of said assignee, its successors and assigns, to execute any and all divisional, continuation, continuation-in-part and substitute applications for said invention or improvements, and any necessary oath or affidavit relating thereto, and any application for the reissue or extension of any Letters Patent that may be granted upon said application, and any and all applications and other documents for Letters Patent in foreign countries on said invention or improvements, that said assignee, its successors or assigns, may deem necessary or expedient, and for said consideration the undersigned further agree upon the request of said assignee, its successors or assigns, in the event of any application or Letters Patent assigned herein becoming involved in Interference, to cooperate to the best of the ability of the undersigned with said assignee, its successors or assigns, in the matters of preparing and executing the preliminary statement and giving and producing evidence in support thereof, the undersigned hereby agreeing to perform, upon request, any and all affirmative acts to obtain said Letters Patent, both United States and foreign, and vest all rights therein hereby conveyed in said assignee, its successors and assigns, whereby said Letters Patent will be held and enjoyed by said assignee, its successors and assigns, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment and sale had not been made.

Date

Y. Tom Tang

Date

Vinod Asundi

Date

Feiyan Ren

Date

Jie Zhang

Date

Jian-Rui Wang

Date

Malabika J. Ghosh

Date

Aidong Xue

Date

Tom Wehrman

Date

Gezhi Weng

Date

Ping Zhou

Date

Zhiwei Wang

Date

Yunqing Ma

Date

Dunrui Wang

Date

Rui-hong Chen

Date

Quing A. Zhao

From: Origin ID: (408)215-4381
Legal Department
Nuvelo, Inc.
675 Almanor Ave
Legal Department
sunnyvale, CA 94085



CL506135302/15

SHIP TO: (408)266-4768
Qing (Angela) Zhao

BILL THIRD PARTY

1556 Kooser Road

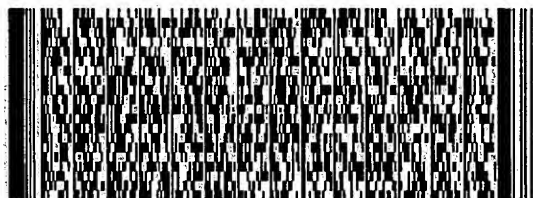
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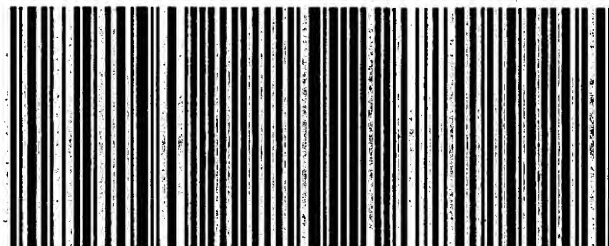
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July 14, 2005

VIA FEDERAL EXPRESS

Feiyan Ren
7703 Oak Meadow Court
Cupertino, CA 95014

**Re: Novel Nucleic Acids and Polypeptides
U.S. Serial No. 10/531,164
Docket No.: 819CIP/US**

Dear Feiyan:

Enclosed in this package, please find:

1. A copy of the patent application as filed (including the Sequence Listing and tables);
2. A Declaration;
3. An Assignment document; and
4. Power of Attorney.

Please sign and date all documents and return them to me by **August 15, 2005** using the enclosed pre-paid, pre-addressed FedEx envelope. Note that we have waived the notarization requirement.

Before signing the documents please verify that all your information is correct. If any changes need to be made, cross out the incorrect information, write in the correct information and **initial and date next to the change.**

Please contact me at 408.215.4556 or equertermous@nuvelo.com if you have any questions or concerns.

Very truly yours,

Elena Quertermous
Patent Agent

:ip
Enclosures

POWER OF ATTORNEY and CORRESPONDENCE ADDRESS INDICATION FORM

Application Number	10/498,451
Filing Date	June 9, 2004
First Named Inventor	Tang, Yuanhua T.
Title	NOVEL NUCLEIC ACIDS AND POLYPEPTIDES
Art Unit	
Examiner Name	
Attorney Docket Number	820/US

I hereby revoke all previous powers of attorney given in the above-identified application.

I hereby appoint:

☒ Practitioners associated with the Customer Number:

34285

OR

☐ Practitioner(s) named below:

Name	Registration Number

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Please recognize or change the correspondence address for the above-identified application to:

☐ The address associated with the above-mentioned Customer Number:

OR

☐ The address associated with Customer Number:

OR

☐ Firm or Individual Name

Address

City

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I am the:

☒ Applicant/Inventor.

☐ Assignee of record of the entire interest. See 37 CFR 3.71.
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)

SIGNATURE of Applicant or Assignee of Record

Signature		Date	
Name	Feiyan Ren	Telephone	408 215-4000
Title and Company			

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below*.

☒ *Total of 18 _____ forms are submitted.

This collection of information is required by 37 CFR 1.31, 1.32 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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**DECLARATION FOR UTILITY OR
DESIGN
PATENT APPLICATION
(37 CFR 1.63)**



Declaration
Submitted
With Initial
Filing

OR



Declaration
Submitted after Initial
Filing (surcharge
(37 CFR 1.16 (e))
required)

Attorney Docket
Number

819CIP/US

First Named Inventor

Y. Tom Tang

COMPLETE IF KNOWN

Application Number

10/531,164

Filing Date

April 12, 2005

Art Unit

Examiner Name

I hereby declare that:

Each inventor's residence, mailing address, and citizenship are as stated below next to their name.

I believe the inventor(s) named below to be the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

NOVEL NUCLEIC ACIDS AND POLYPEPTIDES

(Title of the Invention)

the specification of which



is attached hereto

OR



was filed on (MM/DD/YYYY)

04/12/2005

as United States Application Number or PCT International

Application Number

10/531,164

and was amended on (MM/DD/YYYY)

(if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?	
				YES	NO
PCT/US03/30720	US	09/30/2003	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

[Page 1 of 2]

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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.					
NAME OF SOLE OR FIRST INVENTOR:			<input type="checkbox"/> A petition has been filed for this unsigned inventor		
Given Name (first and middle [if any])				Family Name or Surname	
Y. Tom				TANG	
Inventor's Signature					Date
Residence: City		State		Country	
Beverly		MA		US	
Mailing Address					
25 Broadway #1A					
City		State		Country	
Beverly		MA		US	
Zip		Country			
01915		US			
NAME OF SECOND INVENTOR:			<input type="checkbox"/> A petition has been filed for this unsigned inventor		
Given Name (first and middle [if any])				Family Name or Surname	
Vinod				Asundi	
Inventor's Signature					Date
Residence: City		State		Country	
Foster City		CA		US	
Mailing Address					
709 Foster City Blvd.					
City		State		Country	
Foster City		CA		US	
Zip		Country			
94404		US			
<input checked="" type="checkbox"/> Additional inventors or a legal representative are being named on the supplemental sheet(s) PTO/SB/02A or 02LR attached hereto.					

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DECLARATION**ADDITIONAL INVENTOR(S)**
Supplemental SheetPage 3 of

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Feiyan		REN	
Inventor's Signature			Date
Cupertino Residence: City	CA State	US Country	US Citizenship
7703 Oak Meadow Court			
Mailing Address			
Cupertino City	CA State	95014 Zip	US Country
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Rui-hong		CHEN	
Inventor's Signature			Date
Foster City Residence: City	State	US Country	US Citizenship
1031 Flying Fish Street			
Mailing Address			
Foster City City	CA State	94404 Zip	US Country
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Jie		ZHANG	
Inventor's Signature			Date
Campbell Residence: City	CA State	US Country	PR China Citizenship
4864 Pinemont Drive			
Mailing Address			
Campbell City	CA State	95008 Zip	US Country

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DECLARATION**ADDITIONAL INVENTOR(S)**
Supplemental Sheet

Page 4 of

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Qing A.		Zhao	
Inventor's Signature			Date
San Jose Residence: City	CA State	US Country	US Citizenship
1556 Kooser Road			
Mailing Address			
San Jose City	CA State	95118 Zip	US Country
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Jian-Rui		WANG	
Inventor's Signature			Date
San Jose Residence: City	CA State	US Country	PR China Citizenship
1516 Camino Cerrado			
Mailing Address			
San Jose City	CA State	95128 Zip	US Country
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Malabika J.		GHOSH	
Inventor's Signature			Date
Seattle Residence: City	WA State	US Country	India Citizenship
725 10th Ave E. # 2			
Mailing Address			
Seattle City	WA State	98102 Zip	US Country

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DECLARATION	ADDITIONAL INVENTOR(S) Supplemental Sheet
Page <u>5</u> of <u> </u>	

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Aidong		XUE	
Inventor's Signature		Date	
Sunnyvale Residence: City	CA State	US Country	US Citizenship
1621 So. Mary Avenue Mailing Address			
Sunnyvale City	CA State	94087 Zip	US Country
Name of Additional Joint Inventor, if any:		<input checked="" type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Tom		WEHRMAN	
Inventor's Signature		Date	
Stanford Residence: City	CA State	US Country	US Citizenship
CCSR Mol Pharm 3210 269 W. Campus Drive Mailing Address			
Stanford City	CA State	94305 Zip	US Country
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Gezhi		WENG	
Inventor's Signature		Date	
Piedmont Residence: City	CA State	US Country	India Citizenship
415 Moraga Ave. Mailing Address			
Piedmont City	CA State	94611 Zip	US Country

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DECLARATION**ADDITIONAL INVENTOR(S)**
Supplemental SheetPage 6 of

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Ping		ZHOU	
Inventor's Signature			Date
Cupertino Residence: City	CA State	US Country	US Citizenship
7595 Newcastle Drive			
Mailing Address			
Cupertino City	CA State	95014 Zip	US Country
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Inventor's Signature			Date
Residence: City	State	Country	Citizenship
27635 Red Rock Road			
Mailing Address			
City	State	Zip	Country
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Zhiwei		WANG	
Inventor's Signature			Date
Athens Residence: City	GA State	US Country	PR China Citizenship
107 Benedict Court			
Mailing Address			
Athens City	GA State	30605 Zip	US Country

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 21 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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DECLARATION**ADDITIONAL INVENTOR(S)
Supplemental Sheet**Page 7 of

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Yunqing		MA	
Inventor's Signature		Date	
Santa Clara Residence: City	CA State	US Country	PR China Citizenship
3760 Tamarack Lane #36			
Mailing Address			
Santa Clara City	CA State	95051 Zip	US Country
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Dunrui		WANG	
Inventor's Signature		Date	
Poway Residence: City	CA State	US Country	PR China Citizenship
12252 Pepper Tree Lane			
Mailing Address			
Poway City	CA State	92064 Zip	US Country
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Inventor's Signature		Date	
Residence: City	State	Country	Citizenship
Mailing Address			
City	State	Zip	Country

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 21 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

ASSIGNMENT

Serial No: 10/531,164
Filed: TBD
Title: NOVEL NUCLEIC ACIDS AND POLYPEPTIDES

For One Dollar (\$1.00), and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the undersigned hereby assign to NUVELO, Inc., a Delaware corporation, 675 Almanor Avenue, Sunnyvale, California, 94085, (hereinafter "Assignee"), its successors and assigns, the entire right, title and interest in the invention or improvements of the undersigned disclosed in the above-identified application for Letters Patent of the United States, and in said application and any and all other applications, both United States and foreign, which the undersigned may file, either solely or jointly with others, on said invention or improvements, and in any and all Letters Patent of the United States and foreign countries, which may be obtained on any of said applications, and in any reissue or extension thereof.

The undersigned hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to said assignee.

The undersigned hereby authorize and request the attorneys of record in said application to insert in this assignment the execution date and/or filing date and serial number of said application when officially known.

The undersigned warrant themselves to be the owners of the interest herein assigned and to have the right to make this assignment and further warrant that there are no outstanding prior assignments, licenses, or other rights in the interest herein assigned.

For said consideration the undersigned hereby agree, upon the request and at the expense of said assignee, its successors and assigns, to execute any and all divisional, continuation, continuation-in-part and substitute applications for said invention or improvements, and any necessary oath or affidavit relating thereto, and any application for the reissue or extension of any Letters Patent that may be granted upon said application, and any and all applications and other documents for Letters Patent in foreign countries on said invention or improvements, that said assignee, its successors or assigns, may deem necessary or expedient, and for said consideration the undersigned further agree upon the request of said assignee, its successors or assigns, in the event of any application or Letters Patent assigned herein becoming involved in Interference, to cooperate to the best of the ability of the undersigned with said assignee, its successors or assigns, in the matters of preparing and executing the preliminary statement and giving and producing evidence in support thereof, the undersigned hereby agreeing to perform, upon request, any and all affirmative acts to obtain said Letters Patent, both United States and foreign, and vest all rights therein hereby conveyed in said assignee, its successors and assigns, whereby said Letters Patent will be held and enjoyed by said assignee, its successors and assigns, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment and sale had not been made.

Date

Y. Tom Tang

Date

Vinod Asundi

Date

Feiyan Ren

Date

Jie Zhang

Date

Jian-Rui Wang

Date

Malabika J. Ghosh

Date

Aidong Xue

Date

Tom Wehrman

Date

Gezhi Weng

Date

Ping Zhou

Date

Zhiwei Wang

Date

Yunqing Ma

Date

Dunrui Wang

Date

Rui-hong Chen

Date

Quing A. Zhao

From: Origin ID: (408)215-4381
Legal Department
Nuvelo, Inc.
675 Almanor Ave
Legal Department
sunnyvale, CA 94085



Ship Date: 14JUL05
Actual Wgt: 1 LB
System#: 8548405/INET2200
Account#: S *****

REF: legal dept



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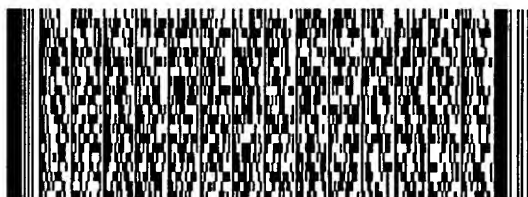
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Feiyan Ren

7703 Oak Meadow Court

Cupertino, CA 95014



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Legal Department
Nuvelo, Inc.
675 Almanor Ave
Legal Department
Sunnyvale, CA 94085

Ship Date: 14JUL05
Actual Wgt: 1 LB
System#: 8548405/INET2200
Account#: S *****

REF: legal dept

SHIP TO: (408)366-1150

Feiyan Ren

7703 Oak Meadow Court

Cupertino, CA 95014

CLSN130309/15

BILL THIRD PARTY



Delivery Address Bar Code

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Deliver By:
15JUL05

FORM
0201

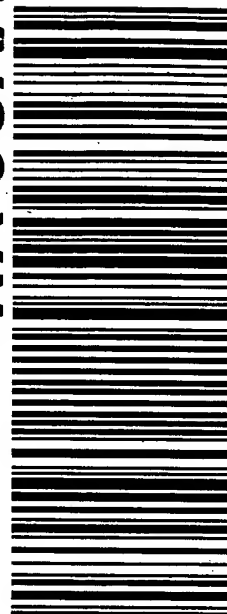
TRK# 7905 7752 2765

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AER CONTENT

July 14, 2005

VIA FEDERAL EXPRESS

Tom Wehrman
CCSR Mol. Pharm. 3210
269 West Campus Drive
Stanford, CA 94305

**Re: Novel Nucleic Acids and Polypeptides
U.S. Serial No. 10/531,164
Docket No.: 819CIP/US**

Dear Tom:

Enclosed in this package, please find:

1. A copy of the patent application as filed (including the Sequence Listing and tables);
2. A Declaration;
3. An Assignment document; and
4. Power of Attorney.

Please sign and date all documents and return them to me by **August 15, 2005** using the enclosed pre-paid, pre-addressed FedEx envelope. Note that we have waived the notarization requirement.

Before signing the documents please verify that all your information is correct. If any changes need to be made, cross out the incorrect information, write in the correct information and **initial and date next to the change**.

Please contact me at 408.215.4556 or equertermous@nuvelo.com if you have any questions or concerns.

Very truly yours,

Elena Quertermous
Patent Agent

:ip
Enclosures

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**POWER OF ATTORNEY
and
CORRESPONDENCE ADDRESS
INDICATION FORM**

Application Number	10/531,164
Filing Date	April 12, 2005
First Named Inventor	Tang, Yuanhua T.
Title	Novel Nucleic Acids and ... 3
Art Unit	
Examiner Name	
Attorney Docket Number	819CIP/US

I hereby revoke all previous powers of attorney given in the above-identified application.

I hereby appoint:

☒ Practitioners associated with the Customer Number:

34285

OR

☐ Practitioner(s) named below:

Name	Registration Number

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Please recognize or change the correspondence address for the above-identified application to:

☐ The address associated with the above-mentioned Customer Number:

OR

☐ The address associated with Customer Number:

OR

<input type="checkbox"/> Firm or Individual Name					
Address					
City		State		Zip	
Country					
Telephone		Email			

I am the:

☒ Applicant/Inventor.

☐ Assignee of record of the entire interest. See 37 CFR 3.71.
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)

SIGNATURE of Applicant or Assignee of Record

Signature		Date	
Name	Tom Wehrman	Telephone	408-215-4000
Title and Company			

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below*.

☒ *Total of 15 forms are submitted.

This collection of information is required by 37 CFR 1.31, 1.32 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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**DECLARATION FOR UTILITY OR
DESIGN
PATENT APPLICATION
(37 CFR 1.63)**

☐ Declaration Submitted With Initial Filing **OR** ☒ Declaration Submitted after Initial Filing (surcharge (37 CFR 1.16 (e)) required)

Attorney Docket Number	819CIP/US
First Named Inventor	Y. Tom Tang
COMPLETE IF KNOWN	
Application Number	10/531,164
Filing Date	April 12, 2005
Art Unit	
Examiner Name	

I hereby declare that:

Each inventor's residence, mailing address, and citizenship are as stated below next to their name.

I believe the inventor(s) named below to be the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

NOVEL NUCLEIC ACIDS AND POLYPEPTIDES

(Title of the Invention)

the specification of which

☐ is attached hereto

OR

☒ was filed on (MM/DD/YYYY) **04/12/2005** as United States Application Number or PCT International

Application Number **10/531,164** and was amended on (MM/DD/YYYY) (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?	
				YES	NO
PCT/US03/30720	US	09/30/2003	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

[Page 1 of 2]

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 21 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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DECLARATION — Utility or Design Patent Application

Direct all correspondence to: <input checked="" type="checkbox"/> The address associated with Customer Number:		34285		OR <input type="checkbox"/> Correspondence address below	
Name					
Address					
City			State		ZIP
Country		Telephone		Email	
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.					
NAME OF SOLE OR FIRST INVENTOR:			<input type="checkbox"/> A petition has been filed for this unsigned inventor		
Given Name (first and middle [if any])				Family Name or Surname	
Y. Tom				TANG	
Inventor's Signature					Date
Residence: City		State		Country	
Beverly		MA		US	
Citizenship					
US					
Mailing Address					
25 Broadway #1A					
City		State		Zip	
Beverly		MA		01915	
Country		US			
NAME OF SECOND INVENTOR:			<input type="checkbox"/> A petition has been filed for this unsigned inventor		
Given Name (first and middle [if any])				Family Name or Surname	
Vinod				Asundi	
Inventor's Signature					Date
Residence: City		State		Country	
Foster City		CA		US	
Citizenship					
US					
Mailing Address					
709 Foster City Blvd.					
City		State		Zip	
Foster City		CA		94404	
Country		US			
<input checked="" type="checkbox"/> Additional inventors or a legal representative are being named on the supplemental sheet(s) PTO/SB/02A or 02LR attached hereto.					

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DECLARATION**ADDITIONAL INVENTOR(S)**
Supplemental SheetPage 3 of

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Feiyan		REN	
Inventor's Signature			Date
Cupertino Residence: City	CA State	US Country	US Citizenship
7703 Oak Meadow Court			
Mailing Address			
Cupertino City	CA State	95014 Zip	US Country
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Rui-hong		CHEN	
Inventor's Signature			Date
Foster City Residence: City	State	US Country	US Citizenship
1031 Flying Fish Street			
Mailing Address			
Foster City City	CA State	94404 Zip	US Country
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Jie		ZHANG	
Inventor's Signature			Date
Campbell Residence: City	CA State	US Country	PR China Citizenship
4864 Pinemont Drive			
Mailing Address			
Campbell City	CA State	95008 Zip	US Country

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If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

DECLARATION**ADDITIONAL INVENTOR(S)**
Supplemental SheetPage 4 of

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Qing A.		Zhao	
Inventor's Signature			Date
San Jose Residence: City	CA State	US Country	US Citizenship
1556 Kooser Road			
Mailing Address			
San Jose City	CA State	95118 Zip	US Country
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Jian-Rui		WANG	
Inventor's Signature			Date
San Jose Residence: City	CA State	US Country	PR China Citizenship
1516 Camino Cerrado			
Mailing Address			
San Jose City	CA State	95128 Zip	US Country
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Malabika J.		GHOSH	
Inventor's Signature			Date
Seattle Residence: City	WA State	US Country	India Citizenship
725 10th Ave E. # 2			
Mailing Address			
Seattle City	WA State	98102 Zip	US Country

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DECLARATION**ADDITIONAL INVENTOR(S)**
Supplemental SheetPage 5 of

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Aidong		XUE	
Inventor's Signature		Date	
Sunnyvale Residence: City	CA State	US Country	US Citizenship
1621 So. Mary Avenue			
Mailing Address			
Sunnyvale City	CA State	94087 Zip	US Country
Name of Additional Joint Inventor, if any:		<input checked="" type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Tom		WEHRMAN	
Inventor's Signature		Date	
Stanford Residence: City	CA State	US Country	US Citizenship
CCSR Mol Pharm 3210 269 W. Campus Drive			
Mailing Address			
Stanford City	CA State	94305 Zip	US Country
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Gezhi		WENG	
Inventor's Signature		Date	
Piedmont Residence: City	CA State	US Country	India Citizenship
415 Moraga Ave.			
Mailing Address			
Piedmont City	CA State	94611 Zip	US Country

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DECLARATION	ADDITIONAL INVENTOR(S) Supplemental Sheet
Page <u>6</u> of <u> </u>	

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Ping		ZHOU	
Inventor's Signature			Date
Cupertino Residence: City	CA State	US Country	US Citizenship
7595 Newcastle Drive			
Mailing Address			
Cupertino City	CA State	95014 Zip	US Country
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Inventor's Signature			Date
Residence: City	State	Country	Citizenship
27635 Red Rock Road			
Mailing Address			
City	State	Zip	Country
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Zhiwei		WANG	
Inventor's Signature			Date
Athens Residence: City	GA State	US Country	PR China Citizenship
107 Benedict Court			
Mailing Address			
Athens City	GA State	30605 Zip	US Country

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 21 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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DECLARATION**ADDITIONAL INVENTOR(S)**
Supplemental SheetPage 7 of

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Yunqing		MA	
Inventor's Signature		Date	
Santa Clara Residence: City	CA State	US Country	PR China Citizenship
3760 Tamarack Lane #36			
Mailing Address			
Santa Clara City	CA State	95051 Zip	US Country
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Dunrui		WANG	
Inventor's Signature		Date	
Poway Residence: City	CA State	US Country	PR China Citizenship
12252 Pepper Tree Lane			
Mailing Address			
Poway City	CA State	92064 Zip	US Country
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Inventor's Signature		Date	
Residence: City	State	Country	Citizenship
Mailing Address			
City	State	Zip	Country

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 21 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

ASSIGNMENT

Serial No: 10/531,164
Filed: TBD
Title: NOVEL NUCLEIC ACIDS AND POLYPEPTIDES

For One Dollar (\$1.00), and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the undersigned hereby assign to NUVELO, Inc., a Delaware corporation, 675 Almanor Avenue, Sunnyvale, California, 94085, (hereinafter "Assignee"), its successors and assigns, the entire right, title and interest in the invention or improvements of the undersigned disclosed in the above-identified application for Letters Patent of the United States, and in said application and any and all other applications, both United States and foreign, which the undersigned may file, either solely or jointly with others, on said invention or improvements, and in any and all Letters Patent of the United States and foreign countries, which may be obtained on any of said applications, and in any reissue or extension thereof.

The undersigned hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to said assignee.

The undersigned hereby authorize and request the attorneys of record in said application to insert in this assignment the execution date and/or filing date and serial number of said application when officially known.

The undersigned warrant themselves to be the owners of the interest herein assigned and to have the right to make this assignment and further warrant that there are no outstanding prior assignments, licenses, or other rights in the interest herein assigned.

For said consideration the undersigned hereby agree, upon the request and at the expense of said assignee, its successors and assigns, to execute any and all divisional, continuation, continuation-in-part and substitute applications for said invention or improvements, and any necessary oath or affidavit relating thereto, and any application for the reissue or extension of any Letters Patent that may be granted upon said application, and any and all applications and other documents for Letters Patent in foreign countries on said invention or improvements, that said assignee, its successors or assigns, may deem necessary or expedient, and for said consideration the undersigned further agree upon the request of said assignee, its successors or assigns, in the event of any application or Letters Patent assigned herein becoming involved in Interference, to cooperate to the best of the ability of the undersigned with said assignee, its successors or assigns, in the matters of preparing and executing the preliminary statement and giving and producing evidence in support thereof, the undersigned hereby agreeing to perform, upon request, any and all affirmative acts to obtain said Letters Patent, both United States and foreign, and vest all rights therein hereby conveyed in said assignee, its successors and assigns, whereby said Letters Patent will be held and enjoyed by said assignee, its successors and assigns, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment and sale had not been made.

Date	Y. Tom Tang
Date	Vinod Asundi
Date	Feiyan Ren
Date	Jie Zhang
Date	Jian-Rui Wang
Date	Malabika J. Ghosh
Date	Aidong Xue
Date	Tom Wehrman
Date	Gezhi Weng

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Ping Zhou

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Zhiwei Wang

Date

Yunqing Ma

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Dunrui Wang

Date

Rui-hong Chen

Date

Quing A. Zhao

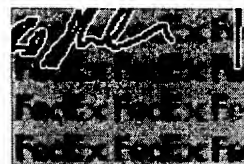
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Jul 14, 2005	11:03 PM	Arrived at FedEx location	OAKLAND, CA
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Elena Quertermous

From: Donna Rose-Burns
Sent: Monday, May 16, 2005 11:05 AM
To: tom_tang_99@yahoo.com; Vinod Asundi; Ryle Goodrich; ryle@summitpost.com; Feiyan Ren ; Jie Zhang; angelaqz@yahoo.com; Qing A. Zhao; Jian-Rui Wang ; Malabika J. Ghosh; Aldong (Jessica) Xue ; weng@sciosinc.com; ping.zhou@attbi.com; wang72_99@yahoo.com; Yunqing Ma; Ruihong Chen; Bryan Boyle - Contact; dwang@celgene.com; dunrui@yahoo.com; info@sbhgenomics.com; wehrman@stanford.edu; rdrmanac@sbhgenomics.com
Cc: Elena Quertermous
Subject: Documents for signature
Importance: High



Declaration - pages
1 and 2.pdf...



Declaration - page
4.pdf



Declaration - page
5.pdf



Declaration - page
6.pdf



Declaration - page
7.pdf



Declaration - page
8.pdf



Declaration -
page3.pdf



Assignment.doc

Dear All:

Attached are a Declaration and Assignment for signature. Please sign and date where appropriate for yourself.

Due to new PTO rules, you MUST return a copy of each page of the declaration (whether signed or not) to us as the PTO will no longer accept just the signature page.

As this is my last week at Nuvelo, I would appreciate everyone's cooperation in returning the signed documents to me no later than Thursday, May 19th. Please return the documents via either fax (408.524.8145), electronically (drose-burns@nuvelo.com) or regular mail to Donna Rose-Burns, Nuvelo, Inc., 675 Almanor Avenue, Sunnyvale, CA 94085.

Thank you for all of your assistance and cooperation over the years.

Donna

Donna Rose-Burns
Intellectual Property Administrator
tel.: 408.215.4000
direct: 408.215.4588
fax: 408.524.8145
drose-burns@nuvelo.com

Elena Quertermous

From: Donna Rose-Burns
Sent: Thursday, June 16, 2005 3:37 PM
To: Elena Quertermous
Subject: FW: Delivery Status Notification (Relay)

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Documents for
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-----Original Message-----

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Sent: Monday, May 16, 2005 11:07 AM
To: Donna Rose-Burns
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Your message has been successfully relayed to the following recipients, but the requested delivery status notifications may not be generated by the destination.

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Action: relayed

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